

09/427 657

CRF Processing Date: 11/9/99

Edited by:

Verified by: AV (STIC staff)Serial Number: 09/427 657 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____. Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____ Other:seq 3-deleted amino acid 355

Input Set: I427657.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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2 Yl-Herttuala, Seppo
3 Hiltunen, Mikko O
4 Jeltsch, Markku M
5 Achen, Marc G
6 <120> TITLE OF INVENTION: Use of VEGF-C or VEGF-D Gene or Protein to Prevent Resten
7 <130> FILE REFERENCE: 28967/35601A
8 <140> CURRENT APPLICATION NUMBER: US/09/427,657
9 <141> CURRENT FILING DATE: 1999-10-26
10 <150> EARLIER APPLICATION NUMBER: US 60/105,587
11 <151> EARLIER FILING DATE: 1998-10-26
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VERIFICATION SUMMARY
PATENT APPLICATION US/09/427,657

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TIME: 16:39:39

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RAW SEQUENCE LISTING
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TIME: 16:43:06

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*Does Not Comply
Corrected Diskette Needed*

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 24 ttagagtgct ttctaatttc aggtagaaga catgtccacc ttctgattat ttttgagaaa 180
 25 cattttgatt ttttcatct ctctctcccc acccctaaga ttgtgcaaaa aaagcgtacc 240
 26 ttgcctaatt gaaataattt cattggattt tgatcagaac tgattattt gttttctgtg 300
 27 tgaagttttg aggtttcaaa ctttcccttct ggagaatgcc ttttgaaaaca attttctcta 360
 28 gctgcctgtat gtcaactgct tagtaatcag tggatattga aatattcaaa atg tac 416
 29 Met Tyr
 30 1
 31 aga gag tgg gta gtg gtg aat gtt ttc atg atg ttg tac gtc cag ctg 464
 32 Arg Glu Trp Val Val Val Asn Val Phe Met Met Leu Tyr Val Gln Leu
 33 5 10 15
 34 gtg cag ggc tcc agt aat gaa cat gga cca gtg aag cga tca tct cag 512
 35 Val Gln Gly Ser Ser Asn Glu His Gly Pro Val Lys Arg Ser Ser Gln
 36 20 25 30
 37 tcc aca ttg gaa cga tct gaa cag cag atc agg gct gct tct agt ttg 560
 38 Ser Thr Leu Glu Arg Ser Glu Gln Gln Ile Arg Ala Ala Ser Ser Leu
 39 35 40 45 50

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40	gag gaa cta ctt cga att act cac tct gag gac tgg aag ctg tgg aga	608
41	Glu Glu Leu Leu Arg Ile Thr His Ser Glu Asp Trp Lys Leu Trp Arg	
42	55 60 65	
43	tgc agg ctg agg ctc aaa agt ttt acc agt atg gac tct cgc tca gca	656
44	Cys Arg Leu Arg Leu Lys Ser Phe Thr Ser Met Asp Ser Arg Ser Ala	
45	70 75 80	
46	tcc cat cgg tcc act agg ttt gcg gca act ttc tat gac att gaa aca	704
47	Ser His Arg Ser Thr Arg Phe Ala Ala Thr Phe Tyr Asp Ile Glu Thr	
48	85 90 95	
49	cta aaa gtt ata gat gaa gaa tgg caa aga act cag tgc agc cct aga	752
50	Leu Lys Val Ile Asp Glu Glu Trp Gln Arg Thr Gln Cys Ser Pro Arg	
51	100 105 110	
52	gaa acg tgc gtg gag gtg gcc agt gag ctg ggg aag agt acc aac aca	800
53	Glu Thr Cys Val Glu Val Ala Ser Glu Leu Gly Lys Ser Thr Asn Thr	
54	115 120 125 130	
55	ttc ttc aag ccc cct tgt gtg aac gtg ttc cga tgt ggt ggc tgt tgc	848
56	Phe Phe Lys Pro Pro Cys Val Asn Val Phe Arg Cys Gly Gly Cys Cys	
57	135 140 145	
58	aat gaa gag agc ctt atc tgt atg aac acc agc acc tcg tac att tcc	896
59	Asn Glu Glu Ser Leu Ile Cys Met Asn Thr Ser Thr Ser Tyr Ile Ser	
60	150 155 160	
61	aaa cag ctc ttt gag ata tca gtg cct ttg aca tca gta cct gaa tta	944
62	Lys Gln Leu Phe Glu Ile Ser Val Pro Leu Thr Ser Val Pro Glu Leu	
63	165 170 175	
64	gtg cct gtt aaa gtt gcc aat cat aca ggt tgt aag tgc ttg cca aca	992
65	Val Pro Val Lys Val Ala Asn His Thr Gly Cys Lys Cys Leu Pro Thr	
66	180 185 190	
67	gcc ccc cgc cat cca tac tca att atc aga aga tcc atc cag atc cct	1040
68	Ala Pro Arg His Pro Tyr Ser Ile Ile Arg Arg Ser Ile Gln Ile Pro	
69	195 200 205 210	
70	gaa gaa gat cgc tgt tcc cat tcc aag aaa ctc tgt cct att gac atg	1088
71	Glu Glu Asp Arg Cys Ser His Ser Lys Lys Leu Cys Pro Ile Asp Met	
72	215 220 225	
73	ctt tgg gat agc aac aaa tgt aaa tgt gtt ttg cag gag gaa aat cca	1136
74	Leu Trp Asp Ser Asn Lys Cys Lys Val Leu Gln Glu Glu Asn Pro	
75	230 235 240	
76	ctt gct gga aca gaa gac cac tct cat ctc cag gaa cca gct ctc tgt	1184
77	Leu Ala Gly Thr Glu Asp His Ser His Leu Gln Glu Pro Ala Leu Cys	
78	245 250 255	
79	ggg cca cac atg atg ttt gac gaa gat cgt tgc gag tgt gtc tgt aaa	1232
80	Gly Pro His Met Met Phe Asp Glu Asp Arg Cys Glu Cys Val Cys Lys	
81	260 265 270	
82	aca cca tgt ccc aaa gat cta atc cag cac ccc aaa aac tgc agt tgc	1280
83	Thr Pro Cys Pro Lys Asp Leu Ile Gln His Pro Lys Asn Cys Ser Cys	
84	275 280 285 290	
85	ttt gag tgc aaa gaa agt ctg gag acc tgc tgc cag aag cac aag cta	1328
86	Phe Glu Cys Lys Glu Ser Leu Glu Thr Cys Cys Gln Lys His Lys Leu	
87	295 300 305	
88	ttt cac cca gac acc tgc agc tgt gag gac aga tgc ccc ttt cat acc	1376
89	Phe His Pro Asp Thr Cys Ser Cys Glu Asp Arg Cys Pro Phe His Thr	

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90 310 315 320
91 aga cca tgt gca agt ggc aaa aca gca tgt gca aag cat tgc cgc ttt 1424
92 Arg Pro Cys Ala Ser Gly Lys Thr Ala Cys Ala Lys His Cys Arg Phe
93 325 330 335
94 cca aag gag aaa agg gct gcc cag ggg ccc cac agc cga aag aat cct 1472
95 Pro Lys Glu Lys Arg Ala Ala Gln Gly Pro His Ser Arg Lys Asn Pro
96 340 345 350
97 tga ttcaagcggttc caagttcccc atccctgtca ttttaacag catgctgctt 1525
98 855 *delete*
99 tgcccaagttg ctgtcactgt tttttccca ggtgttaaaa aaaaaatcca ttttacacag 1585
100 caccacagtg aatccagacc aacccat tcacaccagc taaggagtcc ctgggttcatt 1645
101 gatggatgtc ttctagctgc agatgcctc ggcaccaag gaatggagag gaggggaccc 1705
102 atgtaatcct tttgttttagt tttgttttgc tttttgggtg aatgagaaaatgtgtcgtt 1765
103 catggaatgg caggtgtcat atgactgatt actcagagca gatgagaaaaactgttagtct 1825
104 ctgagtcctt tgctaatcgc aactcttgc aattattctg attctttttt atgcagaatt 1885
105 tgattcgtat gatcagtact gactttctga ttactgtcca gcttatagtc ttccagttt 1945
106 atgaactacc atctgatgtt tcataattaa gtgtattaa agaaaataaaa caccattatt 2005
107 caagccaaaa aaaaaaaaaaaa aaaa 2029

E-->

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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text

98 E Number of Bases conflict w/ Running Total 355